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DEPARTMENT OF AGRICULTURE

INVESTIGATION

OF THE

CAUSES OF THE

DESTRUCTION OF

THE

WHEAT

IN THE

STATE OF

INDIANA

IN

THE

YEAR

1891

BY

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W. H. HARRIS

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[excavato-retusa, fundo excavationis profundius punctato, ambitu vero singuli elytri tridentato, dente primo minutissimo, secundo latissimo, geminato, angulo nimirum superiori breviter acuminato, inferiori autem longius exserto, apice rotundato; structura caeteroquin ut in prioribus. Corpus subtus nigrum, subnitidum, punctulatum, parcius pubescens. Pedes ut in praecedente,

4. *B. Laricis*: nigro-piceus, subnitidus, pallido-pilosus, elytris longioribus, punctato-striatis, apice circulatim retuso, subexcavato, ambitu irregulariter dentato, interstitiis striarum seriato-punctatis. Long. $1\frac{1}{4}$ lin.

Gyll. Ins. Svec. 3. 354. 3. Dej. Nov. Catal. Coleopt. pag. 307. Zett. Faun. Lapp. 1. 345. 3. Payk. Faun. Svec. 3. 147. 3.

Scolytus Laricis. Latr. Hist. Nat. des Crust. et des Ins. 11. 216. 17.

Var. b. elytris brunneis, pedibus rufo-testaceis.

Gyll. Ins. Svec. l. c. var. b.

Var. c. totus aut rufo-brunneus, aut pallide testaceus.

Gyll. Ins. Svec. l. c. var. c.

Habitat sub cortice arborum emortuarum, sat frequens.

5. *B. acuminatus*: piceo-niger, subnitidus, pallide-pilosus, antennis pedibusque testaceis, elytris subtilius punctato-striatis, rufo-testaceis, apice circulatim retusis, ambitu utrinque tridentato, dente ultimo majori, acuto. Long. $1\frac{1}{4}$ lin.

Var. b. corpore rufo-piceo.

Gyll. Ins. Svec. 4. App. 620. 3—4. Dej.

Nov. Catal. Coleopt. p. 307.

Habitat sub cortice Pini sylvestris. In Lapponia

F. Sahlberg; in Tavastia et Yläne, *ipse*.

Obs. Inter specimina hujus speciei, quae fere centum possideo, non nisi quinque corpore gaudent rufo-piceo, caeterorum vero omnium corpus piceo-nigrum est; quare exemplaria a Nob. D. GYLLENHAL descripta varietatem potius quam typum constituere censui.

6. *B. geminatus*: nigro-piceus, subnitidus, pallido-pilosus, antennis pedibusque testaceis, elytris brevibus, rufo-testaceis, subtilius punctato-striatis, apice circulatim retusis, ambitu utrinque subtridentato, dente ultimo lato, apice emarginato. Long. $1\frac{1}{2}$ lin.

Var. b. corpore plus minus testaceo.

Zett. Faun. Lapp. 1. 345. 4.

Habitat sub cortice Pini sylvestris, rarissime.

In Lapponia, D. Prof. *Zetterstedt* et *F. Sahlberg*; in Yläne, *ipse*.

Descr. *B. acuminato* valde similis, sed differt magnitudine paullo minori et dentium in apice elytrorum forma. Caput deflexum, piceo-nigrum, punctulatum. Antennae testaceae, clava rotundata, obtusa, pallidiore. Thorax nigro-piceus, postice interdum magis rufescens; de caetero ut in praecedentibus. Scutellum minutum, laeve, nigrum. Elytra thorace paullo longiora, apice circulatim excavato-retusa, ambitu singuli elytri subtridentato, dente primo minutissimo, vix conspiciendo, secundo paullo majore, acuto, tertio lato, fere rhombeo, apice late emarginato, nigro; caeterum ut in praecedente. Corpus sublaeve, parce pilosum, nitidum, nigrum, ano rufescente. Pedes pallidi, genibus interdum obscurioribus.

Varietas b. differt corpore plus minus pallescente. Oculi tantum et apex dentis geminati semper sunt nigri.

7. *B. suturalis*: linearis, angustus, niger, pallide-pilosus, antennis tarsisque pallidis, thorace punctatissimo, elytris striato-punctatis, apice rufis, retusis, obtuse tuberculatis, stria suturali profunda. Long. $1\frac{1}{8}$ lin.

Gyll. Ins. Svec. 4. App. 622. 3—4. Dej.

Nov. Catal. Coleopt. p. 307.

Var. b. elytris totis rufo-ferrugineis, pedibus dilutius testaceis.

Gyll. Ins. Svec. l. c. var. b.

Var. c. corpore toto aut rufo-brunneo aut dilutius testaceo.

Gyll. Ins. Svec. l. c. var. c.

Habitat sub cortice Pini et Abietis, in Fennia australi, passim.

8. *B. nigritus*: linearis, angustus, niger, pallide pilosus, antennis tarsisque testaceis, thorace punctatissimo, elytris striato-punctatis, apice excavato-retusis, ambitu singuli elytri trituberculato, stria suturali profundiore. Long. $1\frac{1}{6}$ lin.

Gyll. Ins. Svec. 4. App. 623. 3—4. Dej.

Nov. Catal. Coleopt. p. 307.

Var. b. elytris ferrugineo-piceis.

Habitat sub cortice Pini et Abietis, in Fennia australi, passim.

9. *B. bidens*: nigro-piceus, subnitidus, griseo-pubescens, elytris crebre subtiliter punctato-striatis, apice circulatim truncato-retusis, ambitu

singuli elytri bidentato, dente superiore elongato, hamato. Long. vix 1 lin.

Gyll. Ins. Svec. 3. 357. 5. Dej. Nov. Catal. Coleopt. p. 307. Zett. Faun. Lapp. 1. 346. 5.

Scolytus bidens. Latr. Hist. Nat. des Crust. et des Ins. 11. 214. 8.

Femina: elytris subretusis, muticis.

Gyll. Ins. Svec. l. c. var. b. Cfr. Ins. Svec. 4. App. 623. 5. Obs.

Var. b. corpore aut toto pallide testaceo, aut capite thoraceque saturatius ferrugineis.

Gyll. Ins. Svec. 4. App. 623. 5. var. c.

Habitat sub cortice arborum emortuarum, passim.

10. *B. xylographus*: nigro-piceus, nitidus, griseo-subpubescens, antennis pedibusque rufo-testaceis, elytris rufo-piceis, basi nigricantibus, subtilissime punctato-striatis, apice excavato-retusis, singulo dentibus tribus aequalibus, acutis armato. Long. $\frac{3}{4}$ lin.

Mas: fronte tuberculo elevato.

Femina: fronte aequali.

Var. b. rufo-ferrugineus vel pallide testaceus totus.

Habitat sub cortice Pini et Abietis, in Fennia australi, passim.

Descr. Magnitudine et statura *B. chalcographo* similis; sed differt dentibus elytrorum majoribus, inter se aequalibus, acutis, et fronte maris haud excavata, sed tuberculo elevato instructa. Caput parvum, deflexum, retractum, nigro-pice-

nm, crebre sed obsoletius granulato-punctatum, pilis fuscescentibus densius obsitum, tuberculo parvo in fronte maris elevato; os pallido-ciliatum. Antennae, thorax et scutellum, ut in sequente. Elytra thorace paullo angustiora, et nonnihil longiora, cylindrica, rufo-picea vel rufo-ferruginea, nitida, basi plus minus nigricantia, versus latera et apicem griseo-pilosa, subtilissime punctato-striata, interstitiis laevibus, puncto uno alterove tantum impressis, apice subexcavato-retusa, singulo dentibus tribus sat magnis, basi crassis, apice nigris, acutis, aequalibus, armato. Corpus subtus, pedesque ut in sequente.

Var. b. caeteroquin simillima, sed color totius corporis rufo-ferrugineus vel pallido-testaceus; oculi tantum nigrofusci.

11. *B. chalcographus*: nigro-piceus, nitidus, antennis pedibusque testaceis, elytris rufo-piceis, basi nigricantibus, subtilissime punctato-striatis, apice subretusis, singulo dentibus tribus inaequalibus, tuberculiformibus armato. Long. $\frac{3}{4}$ lin.

Mas: fronte supra os profunde excavata.

Femina: fronte subaequali, parum depressa.

Gyll. Ins. Svec. 3. 358. 6. Zett. Faun. Lapp. 1. 346. 6. Dej. Nov. Catal. Coleopt. p. 307.

Scolytus chalcographus. Latr. Hist. Nat. des Crust. et des Ins. 11. 212. 4.

Var. b. corpore toto rufo-piceo vel pallide testaceo.

Gyll. Ins. Svec. l. c. var. b.

Var. c. elytris totis nigris.

Gyll. Ins. Svec. 4. App. 623. 6. var. c.

Habitat in arboribus resinosis, frequens.

12. *B. fuscus*: fusco-piceus, longius pubescens, thorace antice scabro, opaco, elytris longioribus, cylindricis, confertissime subtiliter punctato-striatis, apice retusis, muticis. Long. $\frac{3}{4}$ lin.

Gyll. Ins. Svec. 3. 260. 7. Dej. Nov. Catal. Coleopt. p. 307.

Var. b. corpore toto pallide testaceo.

Gyll. Ins. Svec. l. c. var. b.

Habitat in Fennia australi, rarissime; semel tantum lectus. Var. b. nondum capta.

Sect. 2. Elytris postice integris, rotundatis.

13. *B. villosus*: brunneus, subnitidus, longius pallide pilosus, antennis pedibusque dilutioribus, thorace subovato, creberrime aequaliter punctato, elytris profunde punctato-striatis, interstitiis subtilius seriato-punctatis. Long. $1\frac{1}{3}$ lin.

Gyll. Ins. Svec. 3. 361. 8. Zett. Faun. Lapp. 1. 347. 7. Dej. Nov. Catal. Coleopt. p. 307.

Hylesinus villosus. Fabr. Eleut. 2. 391. 7.

Scolytus villosus. Latr. Hist. Nat. des Crust. et des Ins. 11. 218. 23.

Var. b. corpore toto aut dilutius rufo-ferrugineo, aut pallide testaceo.

Gyll. Ins. Svec. et Zett. Faun. Lapp. ll. cc. var. b.

Habitat sub cortice arborum emortuarum, sat frequens.

14. *B. micrographus*: ferrugineus, nitidus, subpubescens, thorace oblongo, antice scabro, elytris apice obtusis, muticis, subtilissime punctato-striatis, stria suturali profundiori, versus apicem dilatata. Long. $\frac{2}{3}$ lin.

Gyll. Ins. Svec. 3. 362. 9. Zett. Faun. Lapp. 1. 347. 8?

Habitat sub cortice arborum emortuarum, rarius; in Yläne aliquoties captus.

Obs. Variat interdum abdomine paullo obscuriore.

15. *B. domesticus*: cylindricus, niger, subglaber, antennis tarsisque testaceis, antennarum clava oblique acuminata, thorace subgloboso, exasperato, elytris punctato-striatis, griseo-pallidis, sutura limboque nigro-fuscis. Long. $1\frac{1}{3}$ lin.
Mas: fronte profunde impresso-excavata.

Femina: fronte convexa.

Gyll. Ins. Svec. 3. 365. 11.

Dermestes domesticus. Linn. Faun. Sv. 424.

B. limbatus. Dej. Nov. Catal. Coleopt. pag. 307.

Apate limbatus. Fabr. Eleut. 2. 382. 20. Payk. Faun. Sv. 3. 144. 5.

Bostrichus limbatus. Latr. Hist. Nat. des Crust. et des Ins. 11. 227. 9.

Habitat in truncis arborum emortuarum, in Fennia australi, passim.

16. *B. lineatus*: cylindricus, niger, subpubescens, antennis, pedibus, thoracis subglobosi exasperati basi elytris rufo-testaceis, elytrorum sutura, margine lineaque media nigris, antennarum clava obtusa. Long. $1\frac{1}{2}$ lin.

Mas: fronte profunde excavata.

Femina: fronte convexa.

Gyll. Ins. Svec. 3. 366. 12. Zett. Faun. Lapp. 1. 348. 9. Oliv. Ent. 4. 77. 18. 23. Tab. 3. f. 23. a. b. Latr. Hist. Nat. des Crust. et des Ins. 11. 227. 10.

B. signatus. Dej. Nov. Catal. Coleopt. p. 307.

Apate signata. Fabr. Eleut. 2. 383. 22.

Var. b. thorace rufo-testaceo, lateribus anticis, margine apicali, saepiusque linea media abbreviata nigris, elytris testaceis, sutura, margine lituraque obsoleta postica nigricantibus.

Gyll. Ins. Svec. l. c. var. b.

Var. c. pallidius rufo-testaceus, capite nigricante, thoracis antico pectoreque saepius fuscescentibus.

Gyll. Ins. Svec. l. c. var. c.

Habitat in truncis arborum emortuarum, passim.

17. *B. tachygraphus*: cylindricus, niger, subnitidus, subpubescens, antennis, tibiis tarsisque rufo-testaceis, thorace subgloboso, antice exasperato, postice laevi, elytris punctato-striatis, in-

terstitiis subtiliter seriato-punctatis, transversim obsolete rugosis. Long. $1\frac{1}{8}$ lin.

Var. b. femoribus elytrisq̃ piceo-ferrugineis.

Habitat in truncis arborum emortuarum, in Fennia australi, rarissime.

Descr. Magnitudine et forma B. lineati, sed differt thorace longiore, postice laevi, interstitiisque elytrorum seriatim punctatis. Caput deflexum, nigrum, subopacum, parce granulato-punctatum, oculo acute armato creberrime et subtilissime strigosum, fronte vel (in mare?) late impressa vel (in femina?) convexiuscula, in omnibus carinula elevata notata, ut in praecedente; os flavo-ciliatum. Antennae breves, rufo-testaceae, clava ovata, compressa, obtusa. Thorax latitudine paullo longior, antice et lateribus rotundatus, postice truncatus, supra valde convexus, in medio fere gibbosus, totus niger, subnitidus, pilis griseis adpersus, antice tuberculato. exasperatus, postice sublaevis, oculo acute armato subtilissime et creberrime strigosus punctisque quibusdam paullo profundioribus parce impressus. Scutellum parvum, rotundatum, nigrum. Elytra cylindrica, thorace vix angustiora, et eodem paullo longiora, apice obtusa, supra nigra, nitida, pilis griseis versus latera et apicem adpersa, punctato-striata, striis singuli elytri duabus suturae proximis ad apicem paullo profundioribus, interstitiis punctis sat crebre sed subtilissime impressis in seriem dispositis, rugisque transversis obsolete elevatis. Corpus subtus nigrum, subnitidum, sat profunde punctatum, griseo-pubescens. Pedes breviusculi, nitidi, femoribus nigris, apice piceis, tibiis tarsisque rufo-testaceis.

Var. b. differt tantum femoribus totia elytrisq̃ piceo-ferrugineis.

18. B. asperatus: subcylindricus, niger, opacus, subpubescens, antennis pedibusque testaceis, thorace suborbiculato, tuberculato-scabro, elytris confertissime vage punctulatis, apice dilutioribus. Long. $\frac{2}{3}$ lin.

Gyll. Ins. Svec. 3. 368. 13. Dej. Nov.
Catal. Coleopt. p. 308.

Habitat sub cortice arborum emortuarum, rarissime. Ad Wasam, D. Com. *Mannerheim*; in Yläne, *ipse*.

19. *B. Tiliae*: subcylindricus, fuscus, opacus, subpubescens, antennis pedibusque testaceis, thorace suborbiculato, medio scabro, elytris obsolete punctato-striatis, apice dilutioribus. Long. $\frac{1}{2}$ lin.

Gyll. Ins. Svec. 3. 369. 14. Dej. Nov. Catal. Coleopt. p. 308.

Apate Tiliae. Fabr. Eleut. 2. 383. 27.

Var. b. corpore toto pallido, capite obscuriore.

Gyll. Ins. Svec. l. c. var. b.

Habitat sub cortice *Tiliae europaeae*, in Fennia australi, rarissime; ad Willnäs a D. Com. *Mannerheim* semel captus.

20. *B. cinereus*: oblongus, cinereo-testaceus, subopacus, tenuissime pubescens, thorace ovato, subtilissime punctulato, elytris crenato-striatis. Long. $\frac{1}{3}$ lin.

Gyll. Ins. Svec. 3. 370. 15. Dej. Nov. Catal. Coleopt. p. 308.

Habitat sub cortice arborum emortuarum, in Fennia australi, minus frequens.

21. *B. pusillus*: oblongus, nigro-piceus, nitidus, subpubescens, antennis, tibiis tarsisque testaceis, thorace longiori, subtiliter punctulato, elytris punctato-striatis. Long. $\frac{1}{3}$ lin.

Gyll. Ins. Svec. 3. 371. 16. Dej. Nov. Catal. Coleopt. p. 307.

Var. b. corpore toto pallidiori.

Gyll. Ins. Svec. l. c. obs.

Habitat sub cortice arborum emortuarum, imprimis Abietis, frequens.

Familia 3. Xylophagi.

Caput antice non rostratum. Antennae breviores, clavatae, vel extrorsum crassiores, articulis 10 aut 11. Caput thoraci ad oculos usque intrudendum. Palpi breves, plerumque filiformes, vel parum extrorsum crassiores.

A P A T E.

Palpi filiformes. Maxilla bifida, lacinia interna paullo minori. Labium truncatum. Antennae breves, 10 articulatae, clava serrata aut subpectinata. Oculi globosi, prominuli. Thorax brevis, elevatus, saepe scaber. Tibiae angustae, elongatae.

1. A. substriata: lineari-elongata, nigro-picea, opaca, pubescens, antennarum apice pedibusque rufo-piceis, thorace tuberculato-scabro, elytris creberrime rugosis, obsolete striatis. Long. 2 lin.

Gyll. Ins. Svec. 3. 374. 2. Zett. Faun.

Lapp. 1. 349. 1. Dej. Nov. Catal.

Coleopt. p. 309.

Habitat in truncis exsiccatis Pini et Abietis,
sub cortice, rarius.

2. *A. elongata*: lineari-elongata, nigro-picea, fere glabra, antennarum clava pedibusque rufo-piceis, thorace subtuberculato, elytris nitidis, punctato-substriatis. Long. 2 lin.

Gyll. Ins. Svec. 3. 374. 3. Zett. Faun. Lapp. 1. 349. 2. Dej. Nov. Catal. Coleopt. p. 309.

Habitat sub cortice truncorum exsiccatorum Pini et Abietis, rarius.

C O R Y N E T E S.

Palpi quatuor inaequales, subfiliformes, articulo ultimo longiori, subconico. Mandibula cornea, acuta, bidentata. Ligula membranacea, elongata, apice dilatata, rotundata, integra. Antennae breviores, 11-articulatae, clava triarticulata, obconica, articulo ultimo maximo, subquadrato, angulis rotundatis. Thorax antice truncatus, lateribus et postice rotundatus, anguste marginatus.

1. *C. violaceus*: violaceo-subvirescens, nitidus, fusco-villosus, antennis nigris, pedibus fusco-virescentibus, elytris rude striato-punctatis. Long. $1\frac{1}{4}$ lin.

Gyll. Ins. Svec. 3. 376. 1. Zett. Faun. Lapp. 1. 123. 1. Schönh. Synon. 2. 50. 1. Dej. Nov. Catal. Coleopt. p. 114.

Habitat in cadaveribus, frequens.

C I S. *Latreille.*

Mandibulae breves, conico-trigonae, apice aequae bidentatae. Palpi valde inaequales, maxillares multo majores, extrorsum sensim crassiores, articulo ultimo subovato; labiales minimi, subulati, articulo ultimo tenuiori, conico. Maxilla bifida, lacinia interna parva, dentiformi. Antennae capite fere duplo longiores, articulis tribus ultimis magnis, perfoliatis. Corpus ovatum, supra convexum. Oculi globosi, prominuli. Thorax transversus, marginatus, antice saepe elevatus et productus.

1. C. Boleti: fusco-piceus, subpubescens, antennis pedibusque testaceis, thorace inaequali, antice reflexo, lateribus late marginato, postice obtuse angulato, elytris subvage rugoso-punctatis. Long. 1 lin.

Gyll. Ins. Svec. 3. 377. 1. Zett. Faun. Lapp. 1. 350. 1. Latr. Gen. Crust. et Ins. 3. 12. 1. Dej. Nov. Catal. Coleopt. p. 310. Samouell. Comp. Ent. p. 206.

Anobium Boleli. Fabr. Eleut. 1. 323. 7.

Payk. Faun. Sv. 1. 308. 7.

Var. b. corpore toto aut dilute brunneo aut pallide testaceo.

Gyll. Ins. Svec. et Zett. Faun. Lapp.

ll. cc. var. b.

Habitat in fungis arboreis variis, sat frequens.

2. *C. micans*: fusco-piceus, pube brevissima, micante deuse adpersus, antennarum basi pedibusque testaceis, thorace aequali, antice sinuato, lateribus anguste marginato, elytris obsolete, vage punctato-subrugosis. Long $\frac{3}{4}$ lin.

Gyll. Ins. Svec. 3. 379. 2. Zett. Faun.

Lapp. 1. 350. 2. Dej. Nov. Catal. Coleopt. pag. 310. Latr. Gen. Crust. et Ins. 3. 12. 1. Obs.

Anobium micans. Fabr. Eleut. 1. 324.

14. Payk. Faun. Sv. 1. 309. 8.

Var. b. corpore dilutius brunneo aut ferrugineo.

Gyll. Ins. Svec. l. c. obs.

Habitat in fungis arboreis, passim non infrequens.

3. *C. hispidus*: fusco-piceus, pilis brevissimis rigidis adpersus, antennis pedibusque testaceis, thorace aequali, antice sinuato, lateribus anguste marginato, elytris obsolete punctato-striatis. Long $\frac{2}{3}$ lin.

Gyll. Ins. Svec. 3. 380. 3. Zett. Faun.

Lapp. 1. 351. 3. Dej. Nov. Catal.

Coleopt. p. 310. Latr. Gen. Crust. et Ins. 3. 12. 1. obs.

Anobium hispidum. Payk. Faun. Sv. 1. 310. 9.

Var. b. capite thoraceque ferrugineis.

Gyll. Ins. Svec. l. c. var. b.

Var. c. corpore toto ferrugineo aut testaceo.

Gyll. Ins. Svec. l. c. var. c.

Habitat in fungis arboreis, passim sat frequens.

4. *C. crenatus*: rufo-ferrugineus, subopacus, pubescens, capite rufo, thorace antice subsinuato, lateribus tenue marginato, subtilissime subcrenulato, postice versus scutellum rotundato-retracto, elytris striatis, striis subtilissime punctatis. Long. $\frac{2}{3}$ lin.

Mannerh. in litt.

Ad Willnäs a D. Com. *Mannerheim* bis captus.

Descr. Statura praecedentis. Caput deflexum, sub thoracis lobo protracto occultatum, pubescens, subtiliter punctatum, rufum, oculis nigris. (Antennae desunt) Thorax transversus, longitudine media duplo latior, antice subbisinuatus, lobo medio magno, rotundato, angulis lateralibus deflexis, parum prominulis, lateribus rotundatus, tenue marginatus, subtilissime crenulatus, postice versus scutellum valde retractus, rotundatus, supra convexus, rufo-ferrugineus, pubescens, subtilissime punctulatus. Scutellum minutissimum, vix conspiciendum. Elytra thorace vix latiora, sed eodem plus quam duplo longiora, apice rotundata, supra convexa, rufo-ferruginea, striata, striis subtilissime punctulatis, interstitiis planis, pilis depressis ferrugineis adpersis. Corpus subtus pubescens, subtiliter punctulatum, pedesque rufo-ferruginea,

5. *C. comptus*: fusco-testaceus, pube brevissima rigida parce adpersus, thorace antice truncato, lateribus rotundato-ampliato, elytris sat regulariter punctato-striatis. Long. $\frac{1}{2}$ lin.

Gyll. Ins. Svec. 4. App. 625. 3—4. Dej.

Nov. Catal. Coleopt. p. 310.

Habitat in fungis arboreis, in Fennia australi, rarius. Ad Willnäs non infrequentem esse testatur D. Com. *Mannerheim*.

6. *C. punctulatus*: elongatus, convexus, subcylindricus, fusco-testaceus, longius et densius pubescens, thorace subtilius, elytris fortius, confertim vage punctatis. Long. $\frac{3}{4}$ lin.

Gyll. Ins. Svec. 4. App. 625. 3—4. Dej.

Nov. Catal. Coleopt. p. 310.

Habitat in fungis arboreis, in Fennia australi, rarius.

7. *C. cornutus*: brevior, convexus, fusco-testaceus, pube brevi nitida adpersus, thorace subtilius, elytris fortius, confertim vage punctatis, thorace capiteque maris antice bicornutis. Long. $\frac{1}{2}$ lin.

Gyll. Ins. Svec. 4. App. 626. 3—4. Dej.

Nov. Catal. Coleopt. p. 310.

Habitat in Fennia australi, rarissime. Ad Willnäs a D. Com. *Mannerheim* semel captus.

8. *C. festivus*: fusco-testaceus, angustior, pube brevissima rigida adpersus, antennis pedibusque